

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L1 | 895 | (222/190).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/26 15:32 |
| L2 | 5 | 1 and ((piston or plunger) same ((nozzle or outlet) with (spring or bias or biased or biasing or valve or valved or atmosphere or atmospheric or ambient))) and ((food or viscous or paste or pasty or chocolate or yoghurt or yogurt or confection or confectionary or candy or edible) with (gas or dioxide or nitrogen or oxygen or nitrous)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 15:55 |
| L3 | 9 | 1 and ((piston or plunger) and ((nozzle or outlet) same (spring or bias or biased or biasing or valve or valved or atmosphere or atmospheric or ambient))) and ((food or viscous or paste or pasty or chocolate or yoghurt or yogurt or confection or confectionary or candy or edible) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 15:56 |

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|----|----|---|---|----|----|---------------------|
| | | same (gas or dioxide or nitrogen or oxygen or nitrous)) | | | | |
| L4 | 0 | 3 not 1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 17:09 |
| L5 | 4 | 3 not 2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 17:11 |
| L6 | 10 | 1 and ((piston or plunger) same ((nozzle or outlet) with (spring or bias or biased or biasing or valve or valved or atmosphere or atmospheric or ambient))) and ((food or viscous or paste or pasty or chocolate or yoghurt or yogurt or confection or confectionary or candy or edible) with (gas or dioxide or nitrogen or oxygen or nitrous or foam or foamed or foaming)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 17:29 |
| L7 | 5 | 6 not (2 OR 3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 17:30 |

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| L8 | 118 | 1 and ((piston or plunger) same ((nozzle or outlet) with (spring or bias or biased or biasing or valve or valved or atmosphere or atmospheric or ambient))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 17:32 |
| L9 | 106 | 8 not (2 or 3 or 6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 17:32 |
| L10 | 1140 | (425/4R).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/26 18:19 |
| L11 | 1767 | (425/449).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/26 18:19 |
| L12 | 2 | 11 and ((piston or plunger) same ((nozzle or outlet) with (spring or bias or biased or biasing or valve or valved or atmosphere or atmospheric or ambient))) and ((food or viscous or paste or pasty or chocolate or yoghurt or yogurt or confection or confectionary or candy or edible) with (gas or dioxide or nitrogen or oxygen or nitrous)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 18:19 |

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| L13 | 3 | 10 and ((piston or plunger) same ((nozzle or outlet) with (spring or bias or biased or biasing or valve or valved or atmosphere or atmospheric or ambient))) and ((food or viscous or paste or pasty or chocolate or yoghurt or yogurt or confection or confectionary or candy or edible) with (gas or dioxide or nitrogen or oxygen or nitrous)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 18:20 |
| L14 | 607 | (426/312).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/26 18:21 |
| L15 | 523 | (426/474).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/26 18:21 |
| L16 | 7 | (14 or 15) and ((piston or plunger) same ((nozzle or outlet) with (spring or bias or biased or biasing or valve or valved or atmosphere or atmospheric or ambient))) and ((food or viscous or paste or pasty or chocolate or yoghurt or yogurt or confection or confectionary or candy or edible) with (gas or dioxide or nitrogen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 18:21 |

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|-----|-----|--|---|----|-----|---------------------|
| | | or oxygen or nitrous)) | | | | |
| L17 | 614 | ((piston or plunger) same ((nozzle or outlet) with (spring or bias or biased or biasing or valve or valved or atmosphere or atmospheric or ambient))) and ((food or viscous or paste or pasty or chocolate or yoghurt or yogurt or confection or confectionary or candy or edible) with (gas or dioxide or nitrogen or oxygen or nitrous)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 18:25 |
| L18 | 601 | 17 not (2 or 3 or 6 or 8 or 12 or 13 or 16) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 18:26 |
| L19 | 3 | ("4282263") or ("3542270") or ("2734667")).PN. | US-PGPUB; USPAT | OR | OFF | 2010/02/26 20:38 |
| L20 | 710 | ((piston or plunger) same ((nozzle or outlet) with (spring or bias or biased or biasing or valve or valved or atmosphere or atmospheric or ambient))) and ((food or viscous or paste or pasty or chocolate or yoghurt or yogurt or confection or confectionary or candy or edible) with (gas or dioxide or nitrogen or oxygen or nitrous or foam or | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 20:40 |

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|-----|------|--|--|----|----|------------------|
| | | foamed or foaming)) | | | | |
| L21 | 91 | 20 not (2 or 3 or 6 or 8 or 12 or 13 or 16 or 17 or 19) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 20:42 |
| L22 | 775 | 1 not (2 or 3 or 6 or 8 or 12 or 13 or 16 or 17 or 19 or 21) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 20:56 |
| L23 | 1137 | 10 not (2 or 3 or 6 or 8 or 12 or 13 or 16 or 17 or 19 or 21 or 1) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 20:58 |
| L24 | 1085 | (14 or 15) not (2 or 3 or 6 or 8 or 12 or 13 or 16 or 17 or 19 or 21 or 1 or 10) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/26 20:59 |

EAST Search History (Interference)

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2/26/10 9:02:12 PM

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